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Post-processing: Minimum Match
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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AW248192
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DEFINITION

2819671.5prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819671.5',

ACCESSION

AW248192
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AW248192.1 GI:6591185

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AW248192.1 GI:6591185

SOURCE
ORGANISM

EMARYOTA; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 39)
1 (bases 1 to 39)
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Other_ESTS; 2819671.3prime
Contact: Robert Strausberg, Ph.D.

Email: cgapbs-remail.nih.gov

Tissue procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution can
be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center:
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:

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AW248192 2819671.5 AA938266 0097001.8 AI354718 qt54h12.x AI646712 ub64h07.x AI966055 8c26d04.y AL497653 T. brucei

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 25)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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                                                                                                                                              Trace considered overall poor quality Insert Length: 283 Std Error: 0.00 Seq primer: -40m13 fwd. ET from Amersham High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                           Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbe-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           http://www.genome.washington.edu Low Quality Sequence: 0 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 39 contiguous distinct peaks
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Location/Qualifiers
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AA938266.1
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                                                                                                                                                                                                                                                                                                 cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
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/clone_lib="NIH_MGC_7"
/rissue_type="small_cell_carcinoma"
/cell_line="MGC3"
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/db_xref="taxon:9606"
                                              organism="Homo sapiens"
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/clone_lib="NCI_CGAP_Kid5"
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Pred. No. 1.5e+05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -40UP from Gibco
High quality sequence ston: 1
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1 (bases 1 to 34)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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                                                                  /dev_stage="19 weeks"
/lab_host="PH10B (ampicillin resistant)"
/lab_host="PH10
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/lab_host="DH10B"
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/dev_stage="19 weeks"
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/clone="IMAGE:1951847"
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Pred. No. 1.7e+05;
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Query Match

53.9%;

Score 12.4;

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Length 34;

Khanna

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AI646712
           ACCESSION
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                                                                                                                                                                                                                                GGCCCCCAGGGGGAAA 21
                                                                                                                                                                                                                                                                                                                       14;
9/ DP MRNA linear EST 30-NOV-2001 sc26d04.yl Gm-c1013 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1013-1760 5' similar to SW:PSAD_CUCSA P32869 PHOTOSYSTEM I REACTION CENTRE SUBUNIT II PRECURSOR ;, mRNA sequence.

A1966055 A1966055.1 GI:5760692
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28 bp mRNA linear EST 29-APR-199 ub64h07.xl Soaree mammary_gland_NMLMG Mus musculus cDNA clone lMAGE:1382557 3' similar to TR:Q08805 Q08805 SALIVARY PROLINE-RICH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trace considered overall poor quality Possible reversed clone: similarity on wrong High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL;
IMAGE Consortium (info@image.llnl.gov) for further i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa;
Mammalia; Eutheria;
1 (bases 1 to 28)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       data is from the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tumor Gene Index
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         This clone was previously sequenced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PROTEIN L ;, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from mammary gland tissue from a lactating female, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library is normalized. Library
                                                                                                                                                                                                                                                                                                                                                                                                                                                     was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone lib="Soares_mammary_gland_NMLMG"
/exx="female (lactating)"
/tissue_type="mammary gland"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
/db_xref="taxon:10090"
/clone="IMAGE:1382557"
                                                                                                                                                                                                                                                                                                                                                                                                                              constructed by Bento Soares and M. Fatima Bonaldo. 9 c \, 8 g \, 1 t \,
                                                                                                                                                                                                                                                                                                                                                 82
82
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Pred. No. 2.1e
0; Mismatches
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0; Mismatches 6;
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DNA clone
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TA381B01Q/c
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JOURNAL
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Best Local
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                                                                                                                                                                                                                                                                            6 GGCTCCGAGGCGGGAAA 22
                                                                                                                                                                                                                                GGCTTCGAGGTGGAAAA
                                                                                                TA381B01Q
T. brucei
           genomic survey sequence.
AL497653
AL497653.1 GI:11873375
GSS.
                                                                                                                                                                                                                                                                                                                       14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Shoemaker, R., Keim, P., Vodkin, L., Erpelding, J., Coryell, V., Khanna A., Bolla, B., Marra, M., Hillier, L., Kucaba, T., Martin, J., Beck, C. Wylie, T., Undewod, K., Steptoe, M., Theising, B., Allen, M., Bowers, Y., Person, B., Swaller, T., Gibbons, M., Pape, D., Harvey, N., Schurk, R., Ritter, E., Kohn, S., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R., and Wilson, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4444 Forest Park Parkway, Box 8501, St.
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Spermatophyta; Magnoliophyta; Fabaceae; Papilionoideae; Phaseoleae
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Washington University School of Medicine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Shoemaker R/Public Soybean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: est@watson.wustl.edu
                                                                                                brucei sheared genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (bases 1 to 37)
                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note-"vector: pBluescript II XR; Site 1: EcoRI; Site 2: XhoI; This cDNA library was constructed from mRNA isolated from whole seedlings of 2-3 week old greenhouse grown plants. The cDNA library was prepared using the Stratagene pBluescript II XR cDNA library construction kit.

Complementary DNA was synthesized from mRNA using a primer consisting of a poly (dT) sequence with a XhoI restriction site. EcoRI adapters were ligated to the blunt-ended cDNA fragments followed by XhoI digestion. The CDNA fragments were directionally cloned into the EcoRI-XhoI restriction site of the pBluescript vector. The ligated cDNA fragments were transformed into XLIO-Gold host cells. This library
                                                                                                                                                                                                                                                                                                                                                                                                                                   Erpelding.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    greenhouse grown"
/lab_host="XL10-Gold"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          was constructed by Dr. Randy Shoemaker and Dr. John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:3847"
/clone="GENOME SYSTEMS CLONE ID: Gm-c1013-1760"
/clone_lib="Gm-c1013"
/tissue_type="Whole seedlings, 2-3 week old see
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Glycine max"
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Pred. No. 2.2e+05;
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                                                                                                                         linear
                                                                                                  reverse sequence,
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GSS 13-DEC-2000

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Gaps

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AUTHORS
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AUTHORS
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AA939192/c
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ORGANISM
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Best Local S
Matches 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R. Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hellingworth, C., Rajandream, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 oq22h09.sl NCI CGAP GC4 Homo sapiens cDNA clone IMAGE:1587137 similar to SW:PRPE HUMAN PO2811 BASIC PROLINE-RICH PEPTIDE P-1 CONTAINS KER.b2 MER30 repetitive element; mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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Eukaryota; Euglenozoa;
                                       CDNA Library Preparation: M. Bento Soares, Ph.D. CDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington Unresity Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                        Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher A. Moskaluk, M.D.,
Emmert-Buck, M.D., Ph.D.
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AA939192.1 GI:3099105
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Trace considered overall poor quality
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Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                            NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anat
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/strain="TREU927"
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Pred. No. 2.2e+05;
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NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Pro
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                                                                                                                                                                                                                                                                     Trace considered overall poor quality Insert Length: 968 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D.,
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
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CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
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Seq primer: -40UP from Gibco
Seq quality sequence scop: 1.
Location/Qualifiers
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Location/Qualifiers
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/db_xref="taxon:9606"
/clone="IMAGE:1587137"
/clone_Il="NCI_CGAP_GC4"
/tissue_type="pooled_germ_cell_tumors"
/lab_host="DH108"
/note="Organ: colon; Vector: pCMV-SPORT6; Site_1: Sall; Site_2: Not1; Cloned unidirectionally. Primer: Oligo d
                                            /clone="IMAGE:2155692"
/clone lib="NCI CGAP Co14"
/tissue type="moderately-differentiated adenocarcinoma"
/lab_host="DH10B"
                                                                                                                                       /db_xref="taxon:9606"
                                                                                                                                                          organism="Homo sapiens"
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Rm. 308, Biomedical
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0215 row: F column: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ430589 39 bp DNA linear GSS 03-OCT-20
1M0215F10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0215F10 F, DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            High quality sequence stop: 39.
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Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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1. (bases 1 to 39)
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       /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone="UUGC1M0215F10"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                          'sex="Male"
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Pred. No. 3.
and transformed into
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AZ800550.1
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39 bp DNA linear GSS 16-FEB-200200056E10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0058E10 R, DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nhl@Banger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
Submitted Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TA137C04Q 38 k
T. brucei sheared genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   to give a tight size distribution ( 4 \text{ kb}). The v+i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making sma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            project, Sanger Centre, The Wellcome Trust Genome Canbridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Trypanosoma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Details of T. brucei sequencing at the Sanger at http://www.sanger.ac.uk/Projects/T_brucei/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: nelsayed@tigr.org
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/strain="TREU927"
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and selected for ampicillin resistance."
17 c 15 g 6 t
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Pred. No. 3.9e+05;
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High quality sequence stop: 39.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0058 row: E column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 39)
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Mus musculus
                                                                         oe64f12.s1 NCI CGAP Lu5 Homo sapiens cDNA clone IMAGE:1416431 3' similar to TR:000165 000165 HAX-1. ; mRNA sequence.
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                 was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNamid R14 [gb]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XI10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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Pred. No. 3.9e+05;
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                        Washington University School of Medicine
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Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 37)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,M., Hiltman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., R., Williamson,A., Wohldmann,P. and Wilson,R.
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Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
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1 (bases 1 to 36)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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yo80b05.s1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone
IMAGE:184209 3' similar to SP:RS5_RAT P24050 40S RIBOSOMAL PROTEIN
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Unpublished (1995)
Contact: Wilson RK
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/db_xref="taxon:9606"
/clone="IMAGE:1416431"
/clone_lib="WCI_CGAP_Lu5"
/tissue_type="carcinoid"
/lab_host="DH10B"
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Pred. No. 4.7e+05;
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                                                                                                                                                                                                                                                                                                   ACACCTGCTNANAGGCGAGAACC
Generation of expressed sequence tags Unpublished (2002) Contact: Kikuya Kato Graduate School of Biological Sciences
                                                       Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 27)
Kato,K. and Matoba,R.
                                                                                                                                                                                        AU254523 -directed mouse cDNA library Mus musculus cDNA BED0002275 3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Possible reversed clone: similarity on wrong strand
Insert Length: 851 Std Error: 0.00
Seq primer: Promega -21m13
High quality sequence stop: 1.
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High quality sequence starts: 1
High quality sequence stops: 1
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AU254523.1 GI:20316384
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Fax: 314 286 1810
                                                                                                                                   nouse mouse.
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/db_xref="taxon:9606"
/clone="IMAGE:184209"
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Search completed: March 26, 2003, 23:17:58 Job time : 12237 secs

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Fax: 81-743-72-5589
                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 27)
Kawamoto,S., Okubo,K., Yoshii,J., Katsuki,M. and Matsubara,K.
Analysis of gene expression in mouse embryogenesis by 3'-directed
                                                                                                                                                                                                                                                                                                                                                                                                                                                              western European house mouse.
Mus musculus domesticus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MUSGS01794 Mouse 3'-directed md0354 3', mRNA sequence.
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Unpublished (1995)
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URL:http://love2.aist-nara.ac.jp/BED/index.html
Location/Qualifiers
                                                                                                                                                                                                                                                                            3-1 Yamada-oka,
                                                                                                                                                                                                                                                                                        Osaka University
                                                                                                                                                                                                                                                                                                                                    Contact: Kawamoto,S., Okubo,K., Yoshii,J., Katsuki,M. and Matsubara
                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/db_xref="taxon:10090"
/clone="hebD0002375"
/clone_lib="3'-directed mouse cl/tissue_type="brain"
/note=""yector: pgGM-T-easy"
a 5 c 9 g
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/tissue_type="decidual tissue (day
5 c 9 g 6 t
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/strain="C57BL/6J"
/db_xref="taxon:10092"
/clone="md0354"
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Location/Qualifiers
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